

15 JUN 2005

**(19) World Intellectual Property  
Organization  
International Bureau**



**(43) International Publication Date**  
**22 July 2004 (22.07.2004)**

**(10) International Publication Number**  
**WO 2004/061449 A1**

(51) International Patent Classification<sup>7</sup>: G01N 33/00,  
33/14

(21) International Application Number: PCT/JP2003/006442

(22) International Filing Date: 23 December 2003 (23.12.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
P-200300003      2 January 2003 (02.01.2003)      ES

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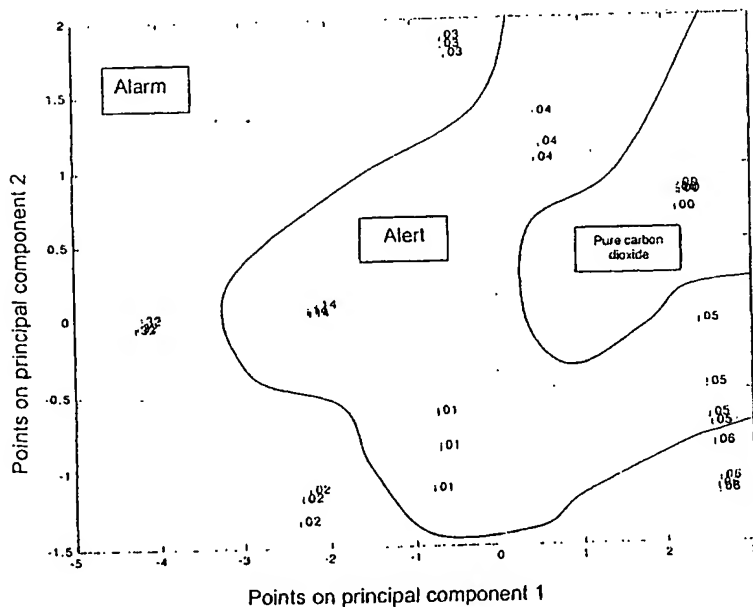
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[Continued on next page]

(54) Title: ANALYZING SYSTEM FOR THE DETECTION OF REDUCING AND OXIDIZING GASES IN A CARRIER GAS WITH A METAL-OXIDE-SEMICONDUCTOR SENSOR ARRANGEMENT



**(57) Abstract:** Analyzing system for the detection of reducing and oxidizing gases in a carrier gas, characterized in that the detection means are sensors based on semiconductor-type metal oxides that work in the absence of oxygen, and in that said system includes means for connecting to a chamber which contains said sensors, and moreover in that the processing and control include system of real-time recognition of said gases, which provides a diagram in which the measurements taken on said carrier gas are situated and identified. Permits analysis of the gas in real time.

WO 2004/061449 A1



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(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

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— of inventorship (Rule 4.17(iv)) for US only

#### Published:

— with international search report

(48) Date of publication of this corrected version:

21 October 2004

(15) Information about Correction:

see PCT Gazette No. 43/2004 of 21 October 2004, Section II

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.